2006

# PVC-001-Schortman-Field Notes-2006

Edward Schortman
*Kenyon College*

7/7/06

Started out today trying to map site 647 on Peter Peña's land with the EDM. About 25 trees have been cleared over the last week, scattered across 6 groups that were originally mapped on sites 642-646 in 2005. Given that the monte is largely cut, it's clear that the buildings are sufficiently close to each other to warrant their designation as 1 site. ~~That~~ The NW-most 2 groups along the rest of terraces that rise from N-S from the direction of the Chaudeau branch the bulk. Structures 1-5 (formerly site 642) now appear to occupy a low rise that does not seem to be natural. This group also has what seems to be a staircase running E of str. 1 on the group's E. flank, the largest platform in the aggregate, towards the quebrada which is about 5m to the E. It's almost as though this cluster was designed as the formal entrying to the settlement.

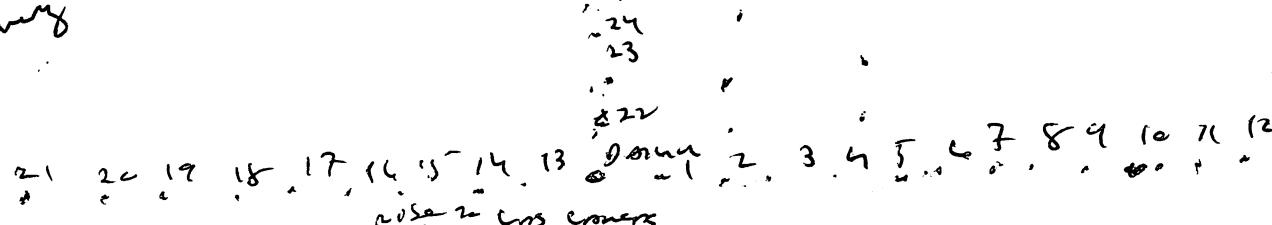
Note also that site 647's buildings cluster along the W. side of a quebrada, the only one that cuts a pronounced gash to the S. bulk. Site 598 is ± opposite that cut on the W. side of the Chaudeau. Perhaps there was something important about that breach of the mountains that attracted settlement on both sides of the Chaudeau where where the pass intersects the Chaudeau valley.

Site 647 (cont.).

In the EDM is not working I'm walking fields N. + E. of that site -- all are covered in heavy overgrowth and, while a few stones (cobbles mostly, some of rocks) are visible on the surface, no str. are visible. All of the fields on Batin Peña land are devoted to cattle pasture but most are covered in dense, high waste with poor str. visibility and no ground visibility. This is especially the case in the fields E. of the farmhouse -- lower ground cover to the N. + S. of those buildings.

Site 647, in walking back from Tom Cannon yesterday forge (afternoon PM) noted that perlite nodules were cut in to road cut just S. of the site when it was dug & set up a test-pit grid N. of Tom Cannon yesterday on an E-W. alignment of 110°/290° and a N.S. orientation of 20°. The E-W. lines are staked out at 10m intervals and the remaining N.-S. lines are at 20m intervals.

Beginning Sept. 20, 2012.

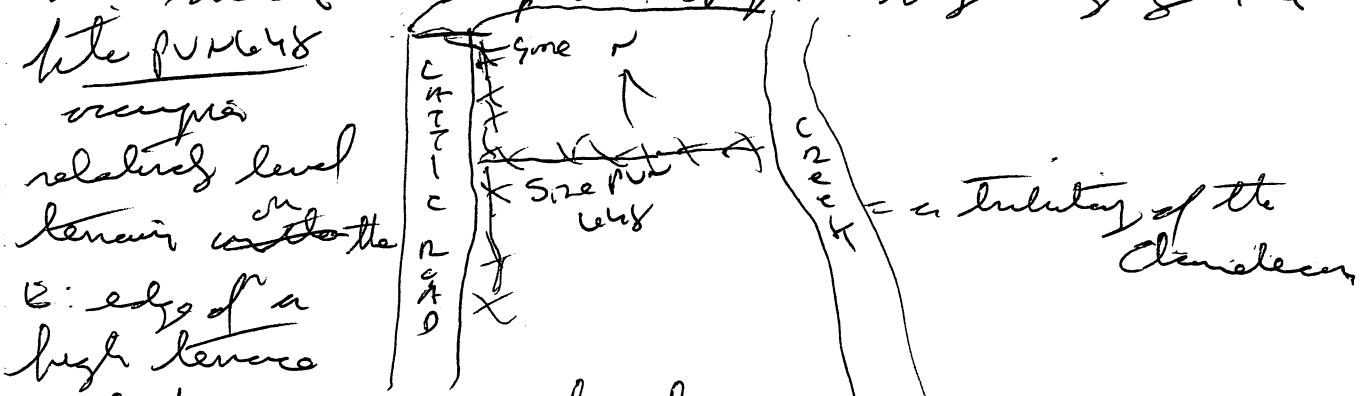



rise in this corners

May have evidence of a staircase on the NW corner of Tom Cannon -- that in its approximate location would lead to the main plaza in the center.

7/7/06 (Friday)

I've followed the cattle road out to the E + N. of site PVN647 - mostly the fields are covered with monte alto on both sides -- the road ends in a small creek that was running with about 0.1m of water today (I believe it last rained out here on Monday, 7/2/06. I have, however, found another site (PVN648) immediately east of the cattle road, ~~had~~ bordering the aforementioned creek on ~~the~~ W. The drop down to the stream is steep and high -- very roughly 4m.




Site PVN648 occupies relatively level terrain on ~~the~~ the E. edge of a high terrace overlooking the Rio Chamelecon ca. 35m to the W. The land belongs to Beltran Pena, I believe, and is covered in high, dense monte and some trees -- used as a cattle pasture but not a lot of effort has gone into maintaining the field. Given the fair number of small trees here, I'd say it hasn't been cleared in several years.

Note, there is an increase in cobbles in the cattle road opposite PVN647 -- either a structure was destroyed during road construction or cobbles for site PVN647's building were taken to help stabilize the muddy road (or both). Very poor ground and poor site visibility.

Site PVN 648 (continued): It is hard to say their settlement and I wouldn't have noticed it save that the building closest to the road is so large. Though I'm sure I'm missing buildings here, I'd say that the site is about the size of site PVN 578 ca. 100m NW + across the River Clarendon & and smaller than Fan Canyon. (Note that PVN site 648 is ± opposite the narrow between site PVN 578 + Fan Canyon -- a relatively ~~emp~~ empty (of settlement) terrace.).

The structures are built using unshaped stones, mostly vesicular basalt, both of rocks + caliche. There is little sign of leveling and the buildings appear to be in good shape.

The ground rises from N. S and the hills are ca. 300m to the SE.

Is settlement concentrated along stream/gulch? Site PVN 648 seems to be situated where it can overlook the Clarendon and presumably be seen from the N. side of the river.

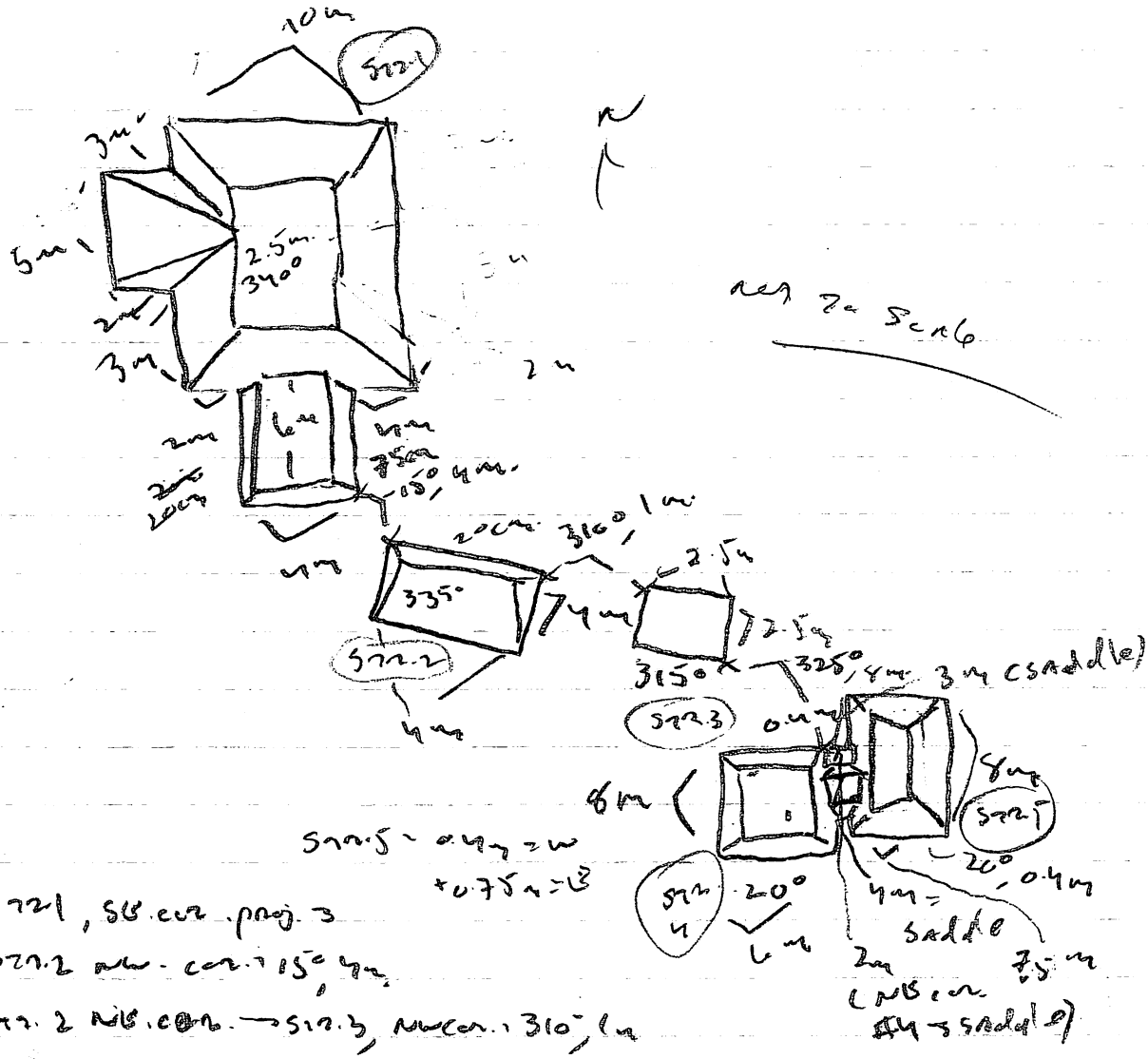
Site PVN 677 is ca. 300m to the WSW.

I sketch-mapped the site, taking compass bearings and roughly pacing the distances -- very appropriate given the dense ground cover. There are 15 structures that I identified but there are surely more. It looks like there's at least 1 rectangular plaza, with other buildings off the back on the E + S. Site PVN 678 is built up to the edge of the drop-off to the creek on the S.

Surface collection: NW 2 LHA 1/001

sherds from the Road

P06-01-05




req 2a Scale

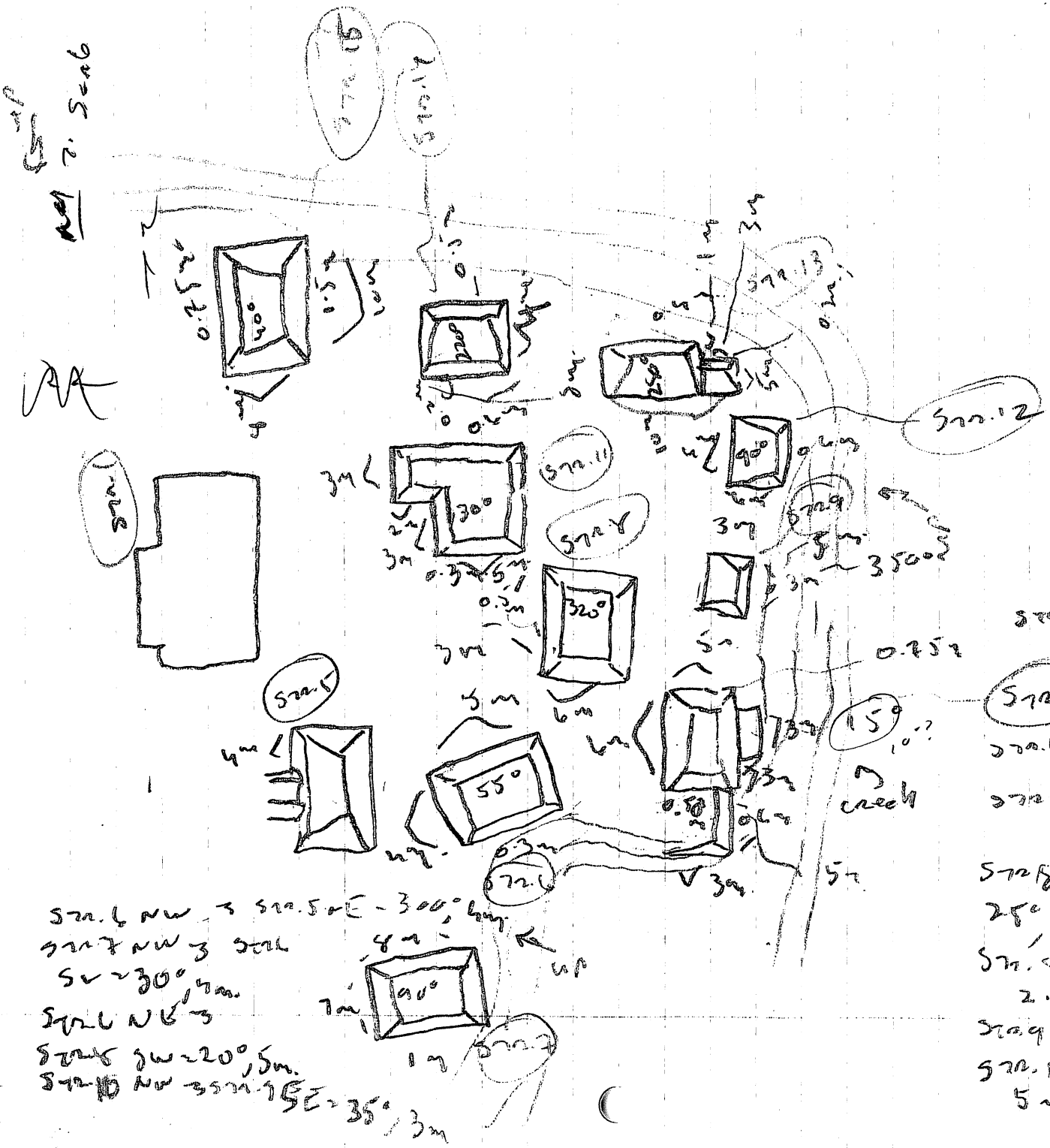
Str. 1, SE cor. proj. 3

Str. 2 NW cor. 15°, 4 m

Str. 2 NE cor. → Str. 3, NW cor. 310°, 1 m

Str. 3 SE cor. → Str. 4 NE cor. 325°, 4 m

Str. 4 NW cor. → saddle jct. 4 m


Str.12
Str.11
Str.8
Str.9
Str.5
Str.10
Str.13
Str.6
Str.7
90°
30°
320°
55°
90°
15°
0.25m
3m
5m
6m
4m
1m
creek

7/7/06 (cont.): Found a moderately dense stone concentration in the road opposite the PVN 648 -- leads me to think that the cutting of the road disrupted part of the site and that the stone found in that path associated with the artifacts are the remnants of destroyed buildings - ca. 10m W. of the [illegible], each con. 5m E-W x 8m N-S, continuing ca. 30m S. of the stone concentration but still in the road.

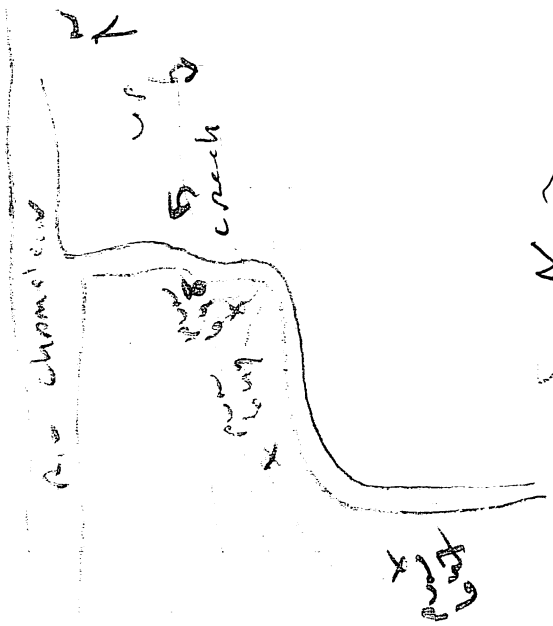
Along the road from PVN 648:
195°, 5m.
215°, 12m
250°, 29m
275°, 385m - to NW corner of a field containing PVN 649 site

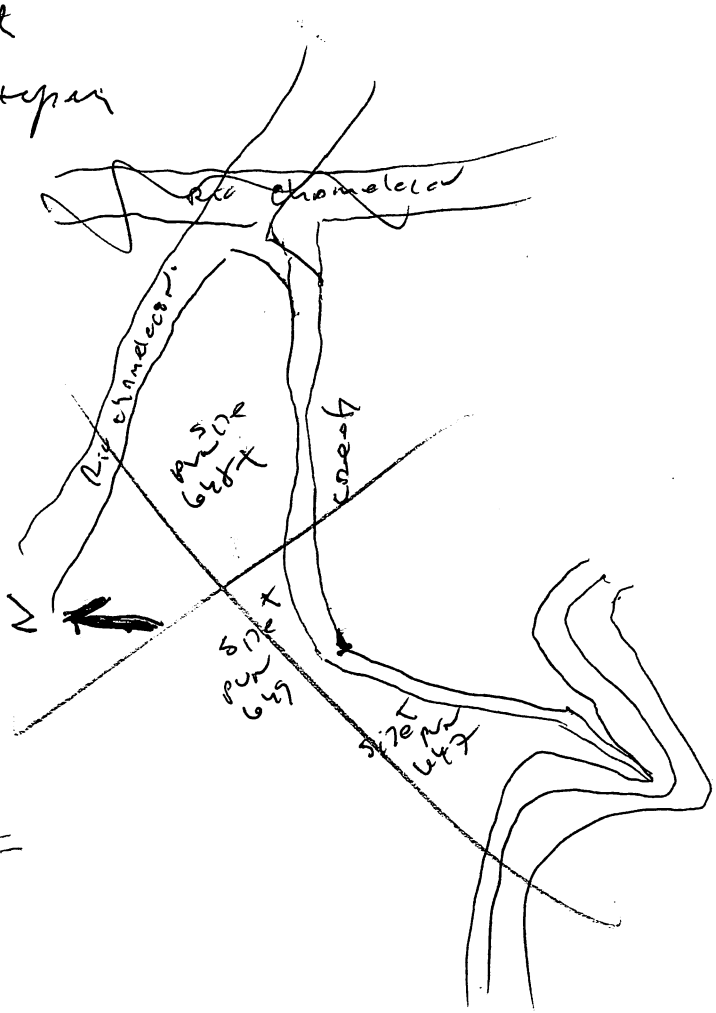
PVN Site 649 - a rock concentration found in bordering the cattle road on Peter Peña's land. - destroyed - associated with a few unidiagnostic artifacts - shards, pile rocks are cobbles (mostly) and some 4 examples - good ground vis. visibility in the road, poor in both categories in the bordering fields. Covers ca. 12m in diameter. About 15m SW of PVN 648 on/in the same cattle road that borders the flattop the W. side serves terrace ± 7m of the creek, 500m S of the Chamberlin and 400m WNW of the hilltop.

I believe that the creek bordering PVN 648 & 649 is the same creek that defines the E. side of PVN 647. Small stream seems to run NE after passing PVN 647, parallel ±, to the base of the S hilltop.

7/7/06 (cont.) So, it appears that the sites found so far in the C. vegas of Bella Peña cluster along the W. + NW. rated the creek that cuts the deep pass into the S. hills, the largest of these sites PUN 648, being located ~~above~~ where that stream drops off the high southern terrace heading for its junction w/ the Rio Chamelecon ± opposite the N. vega intervening between sites PUN 598 + San Cayetano.

The creek may be the Quebrada La Mina with its headwaters well upon the Cerro Buena Vista




Looks like the S. side of the Rio Chamelecon is equivalent in site form + distribution to the N. i.e. concentrated near quebradas, the larger site being located where these quebradas exit the high terrace + empty into the Chamelecon; I'll let small sites at least once dotted the terrace on the S. as they do on the N.

P06-01-09

Next PVN site - PVN 1650 - Last one was PVN 1649

7/10/06

Optical Transit, setting to N. at site PVN #647, from TI 1

| | ∠ | Mid Hair | Distance |
|---|---|---|---|
| TI=1485 | 0°0' | 1799 | 14.70 m. |

7/11/06

Started out visiting Celia at PVS site 187 where she has 2 generations started and is ready to begin a third. Found a potsherd fragment on the surface of the — looks like a modified pot with clay burnt on the exterior.

Walked in to site PVC 187 from Crystal Celia's property to the new off the main road and found more sherds and pots in the trail near the top of the rise leading to the site. Walked out towards Fan Canyon, the fields here are covered with waste alfa or are there bordering the path from Celia's house. On the path leading SE however, I noted lots sherds - pottery after entering. It looks like there are small sites in these little valleys. Though we saw no stru. here in 2001. It may well be that, during the Late Classic, site PVC 187 was not isolated but was surrounded by scattered, small (I think) sites. Need to clear the waste to get a better sense of what is out in the fields.

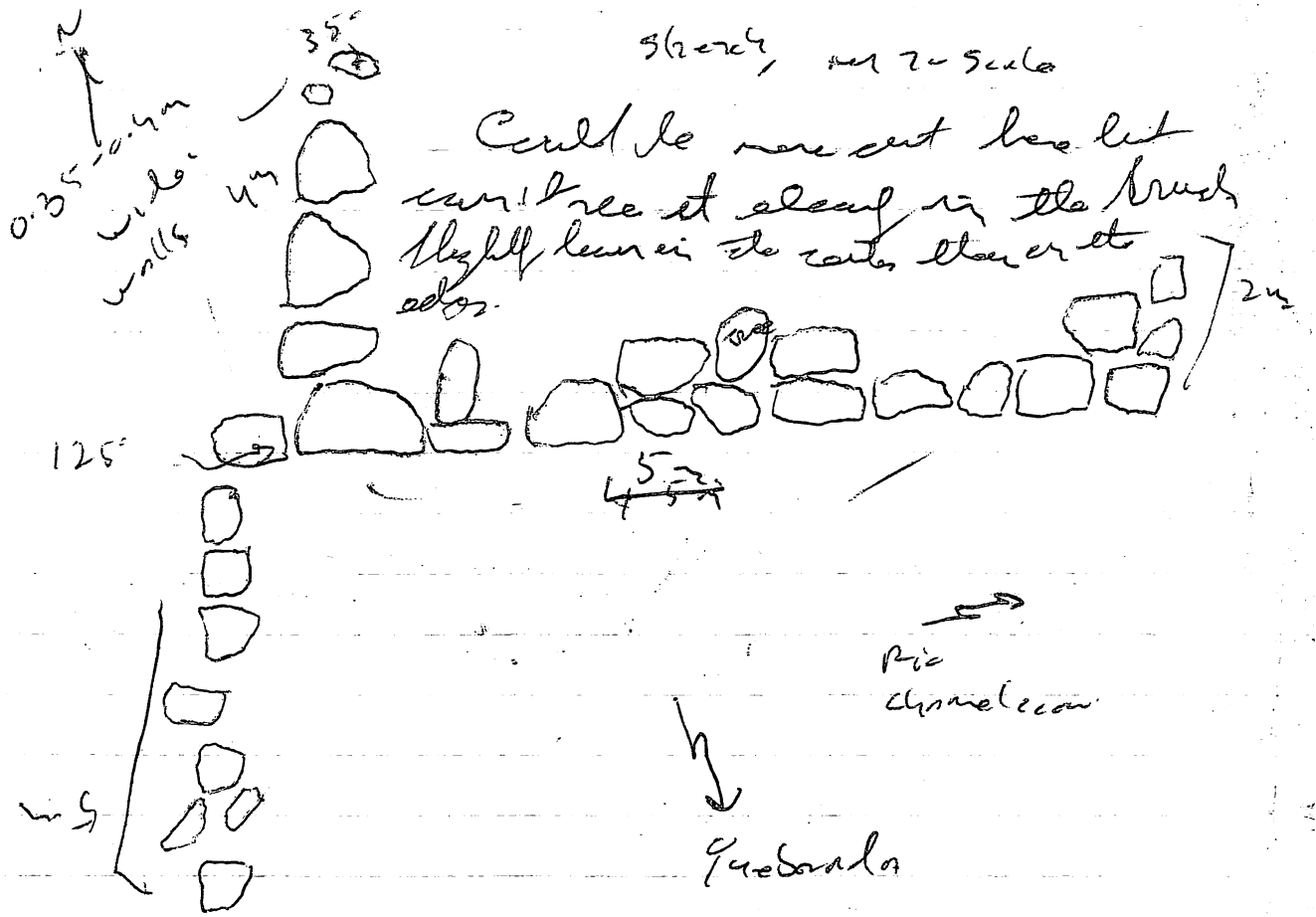
Big rattlesnake slider run through the valley SE of PVC 187 en route to Fan Canyon, dry today

after heavy rain last night + Saturday
a lot of bracture in carry out in the SW +
C. Eden pattern and the aforementioned quebrada.
Many is hitting a brown clay at about
about 2 m B.g.s. after which it continues
for at least 0.4 m more -- base not found.
Many is digging 0.5 x 0.5 m test pits at 2 m
intervals along the E-W line we set up
on Thursday 7/06/06. Silty clay lacks
well-sorted and fine -- this may be 1
source of the material for Cameron's
residents used for make pottery.

Next - next PVC Site II.

PVN 65c Immediately N. of the quebrada
which lies about 100 m N of Fan Cameron is a
surface - level building of which 3 rooms can be
seen. Covered in dense overgrowth though no
roof etc. and ground rubble. Looks historic
but not used for awhile. Situated about
80 m N of the junction of the quebrada + the
Rio Chandeen. The quebrada has about 0.1 m
of running water in it today after last
night's heavy rain. Roberto Canahuati's
property -- looks relatively undisturbed. The quebrada
is about 30 m to the S, which lists PVN 65c sites
on a low rise above the high terrace above
which Fan Cameron sits.
Overall pasture

Site PVM 45e (cont.):



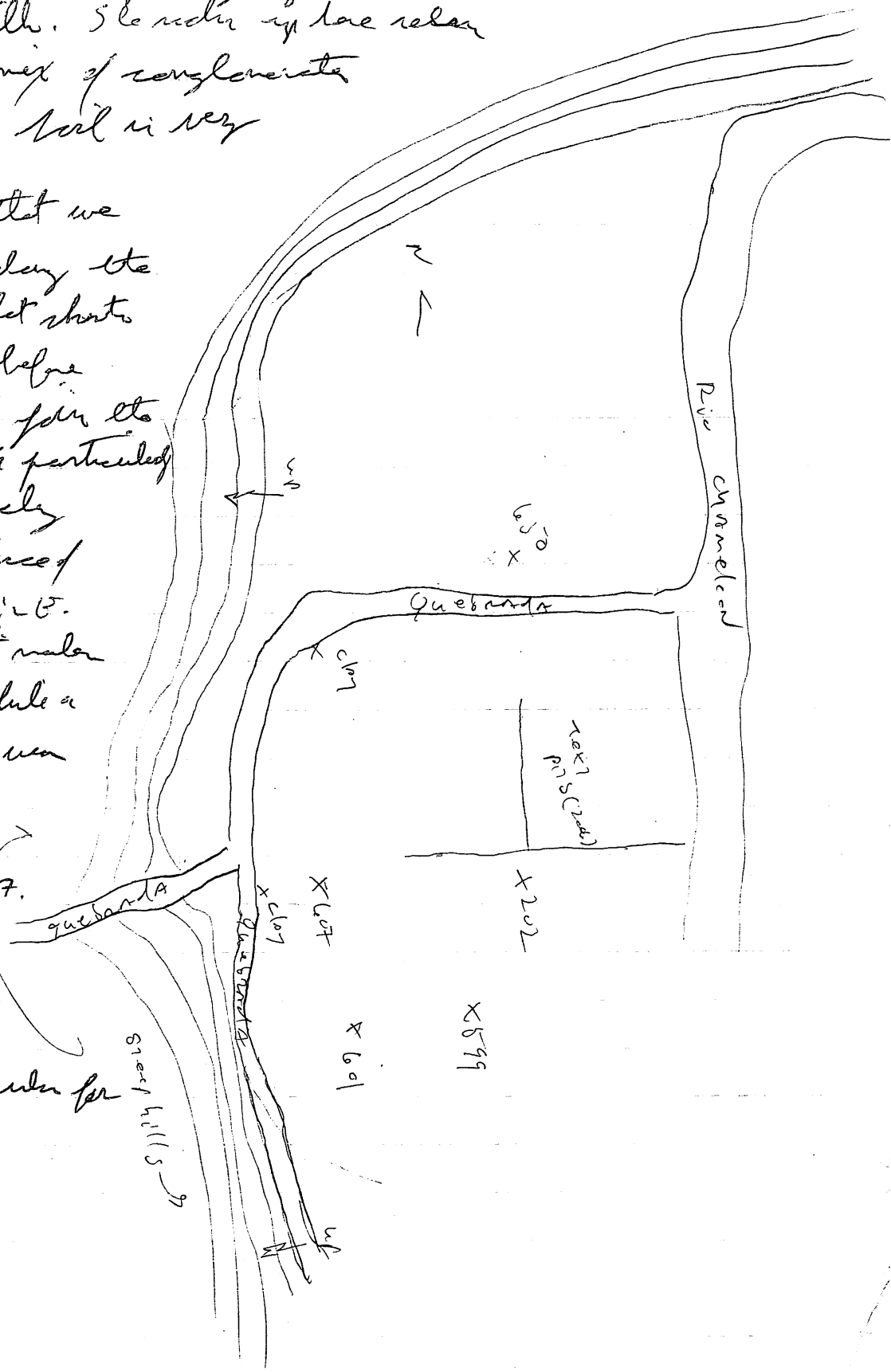

Can't figure out how to get out of the fan. Canyon very heading N+E. Terrace stand. The terrace is bounded by steep, seemingly limestone (in part) escarpments in three directions. The bottom from stand under water with every rain and to head both handy walking on. But I don't see how they did it unless they walked along the Chamelecon's bank under it even lower during the dry season -- it's running high right now.

Bounded in 200 m not near the Chamelecon crossing the high terrace, is fairly necessary.

P06-01-12

The ~~Las~~ Canon vega drawn from ± half way up the western hills. The rocks up here seem to be a mix of conglomerate and tuff. Soil is very thin.

I believe that we noted clay along the quebrada that skirts the w. hills before turning E. to join the Chameleon. A particularly fine, brown clay is in the surface of the quebrada's E. bank where it makes that turn while a darker brown was noted in both banks just w. of site 607. Could they have been mining the quebrada banks for clay?



7/12/06 (cont) 06-01-13

She sat on the hill + at the base is a very dark brown to black, but the hill was burnt at some point in the past and the earth is wet from recent, heavy rain

[illegible] gone

150m (pines) 0°0'
128m. 90°0' = quad.
139m 75°0' = in the quad. Size PVC 143

Site PVC 143 : N. side of the quebrada in cattle pasture, medium - high but dense growth; poor str. + ground visibility except on the path where both are good to excellent. From their little exposure, it looks like a light artifact scatter w/ pottery. No signs of drainage disturbance except for erosion. In the first small valley N of the Carver fence gate (closest to the fence building) on Cristobal Colon's land. Land rises gradually from E → W into the valley where - the artifacts are in the mouth of the valley on the [illegible] slope of str. The quebrada is dry now + 5m to the S. 6m long 6-m

- leaving the quebrada

153m 285°0' Size PVC 143 + quebrada

Concentration of pottery is a shallow (ca. 0.2m deep) wash -- no running water, but seems to carry off overflow from heavy rainfall. The artifacts rested + the pottery types are intact. They may elucidate on their environment.

The wash runs at about 285°0' to the East.

06-01-14

7/14/06 (cont.)

PVC 194: about 80m further up the trail from PVC 193, I then continue along the trail but artifact pick up + extend in a moderately light scatter over ca 30m SE-NW. Same conditions and owner as site PVC 193. Most of the pieces seem to be intact, though a few have broken tips. Once again, a small valley this time adjacent to the one in which PVC 193 is located + immediately SE of the one containing PVC site 187.

| | | |
|---|---|---|
| 80m | 345°01 | from PVC Site 194 |
| 200m | 270°01 | " Site PVC 187 |

Site PVC 194 is on the E/SE edge of the valley containing site PVC 187. The artifacts are about 280m distant from site PVC 187 and the none were noted on the trail between them, so it seems unlikely that PVC site 194 is outward from site PVC 187. Site PVC 193 is downslope from site PVC 194 and consists of very few artifacts; it could be outward from the latter settlement or from a site in the area that lay there for, gone undetected.

Site PVC 195: about 140m N and site PVC 187; a light artifact scatter extending along the path for ca. 100m SE-NW up to + over the ridge overlooking the site PVC 187 valley for the NW. Finds about the gate into the site PVC 187 field on the N. Cattle pasture, sparse low growth, poor str. + ground visibility except on the path where both are very good. No older disturbance

7/11/06 (cont.) 06-01-15

PVC site 195 (cont.): Crystal Calvin land.

About 100m down to path from the site PVC 187 + site PVC 191 gate should some pits start to show up. It's likely that these artifacts are coming down from upslope, but from where I'm not sure. The path to C. Calvin's building is eventually a steep, rocky wash. It could be that the materials derive from site PVC 195 upslope, but it's unusual, in that case, that the distribution is not continuous.

Next PVC site 651

Next PVC site 196

It looks like site PVC 187 is not as isolated as it first appeared, though some of yet, no doubt, have been found outside the boundary.

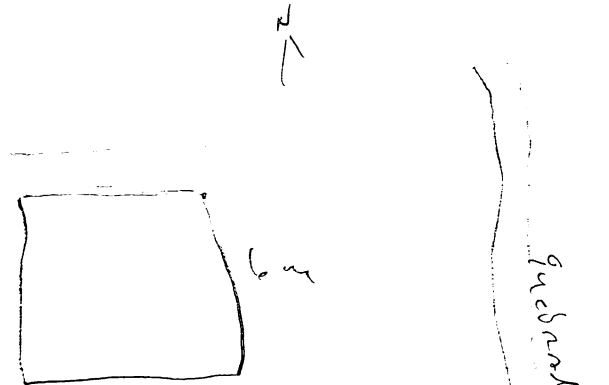
Also, it appears that settlement on the Canada vega is largely concentrated S. of the quebrada -- a few small sites are N. of it against the hill but almost everything else is S. of the stream channel.

Next PVN site: 651
Next PVC site: 196.
7/12/06

PO6-01-16

Site PVN 651 649 (cont'd)

Located ca. 5 m
W of the Quebrada
La Minera and 200 m
NW of site 647, this site
is on ± flat terrain
that slopes up gradually from E to W
away from the quebrada. Owned by
Beto Peña and used as ~~sub~~ annual
pasture, the settlement is covered in
dense, high monte; where the identified
structure is, however, is covered by low brush
so undergrowth is not a problem. Here the
visibility is good but surface visibility is poor;
elsewhere in the field both are poor. There are a
number of cobbles noted in the field yesterday ca
30 m to the S. + E. + 40 m to the north; a cattle
road is ca. 20 m to the W. I'm not sure this is a
site but the convergence of the cobbles defining the
perimeter looks fairly regular.




Walked on along the ridge NE of the
Quebrada La Minera / Clarelecan junction —
heavily overgrown but I'll try walking segments
on the way back. All used as annual
pasture and they seem to belong to Beto
Peña. Got to the NE-point where I could
look directly across to Clarelecan to the NW
can see the resa there. It is heavily overgrown +

7/12/06 (cont)

P06-01-17

low not more than ~~ca~~ 10 m above the Chameleon at its current level (it's been raining pretty much every night for about a week). So the vegas is lower than its S.E. counterpart where I am, and much lower than the Carson vega. I'd guess that the N.W. vega is unlikely candidate to support settlements.

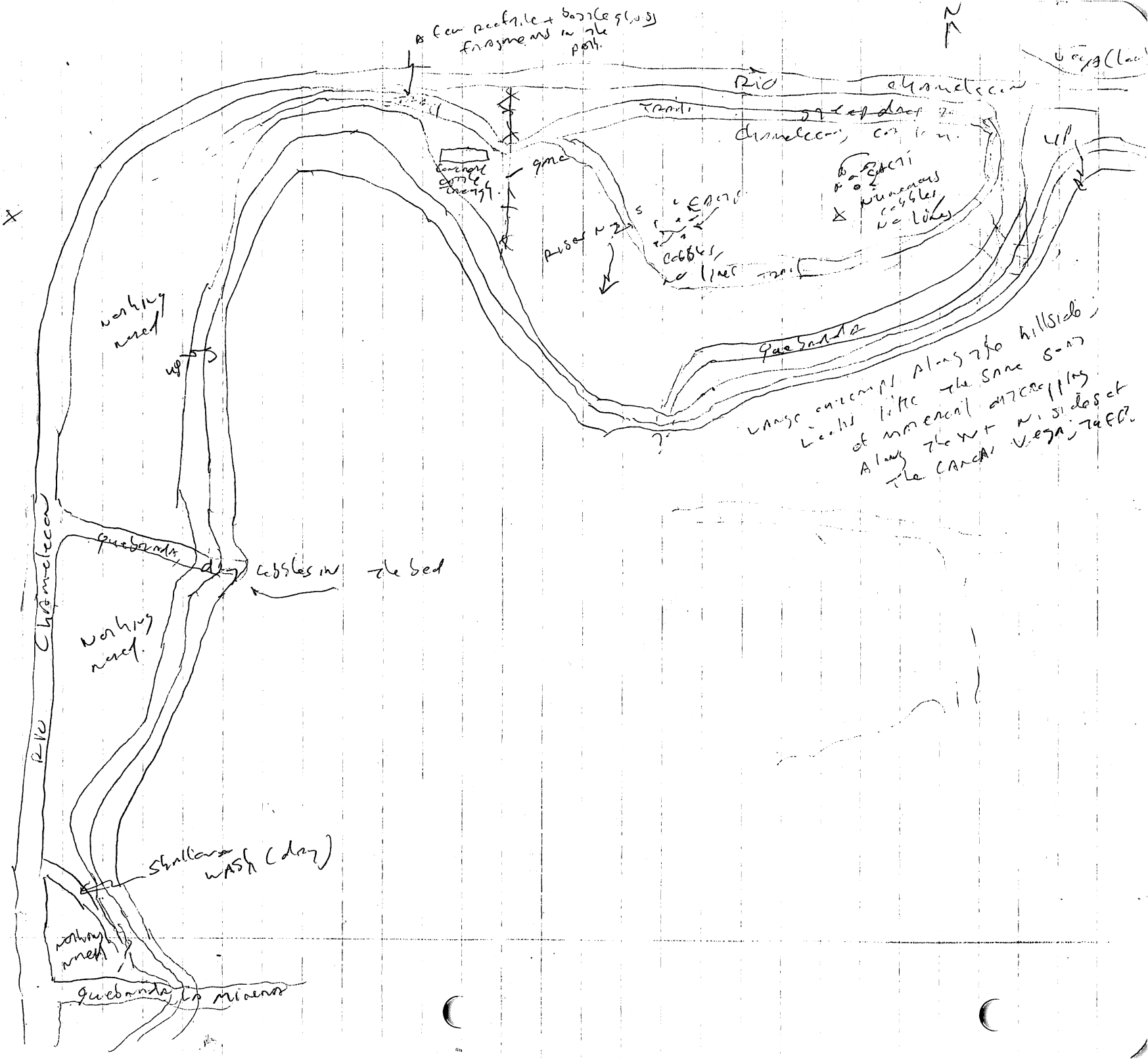
The hills define all of the vegas I've seen today very sharply. -- on both sides of the river sheer cliffs that include at least some limestone +, maybe, tuff come right down to the Chameleon.

The only stream I saw carrying water is the Quebrada La Minera; the rest are still dry despite a week or so of rain.

Though heavily overgrown, the grass in these vegas looks fairly uniform in type though it's been planted. Though there are no signs of plowing, it's possible that these fields were cultivated years ago resulting in the disturbance of any architecture that may have been here. There are two notable cobble concentrations ~~two~~ towards the middle of the N.E. vega (the last one we walked today) associated with large cacti. No ~~artifacts~~ artifacts were noted here ~~nor~~ nor were there any clear stone lines. ~~There~~ There's at least one pile of cobbles in the eastern agglomeration. I think there could just be naturally occurring cobbles that were collected here to get them out of the way, though their cultural origin can't be discounted.

Some bottle glass and red tile fragments were found in the path ~~near~~ near the concrete cattle trough

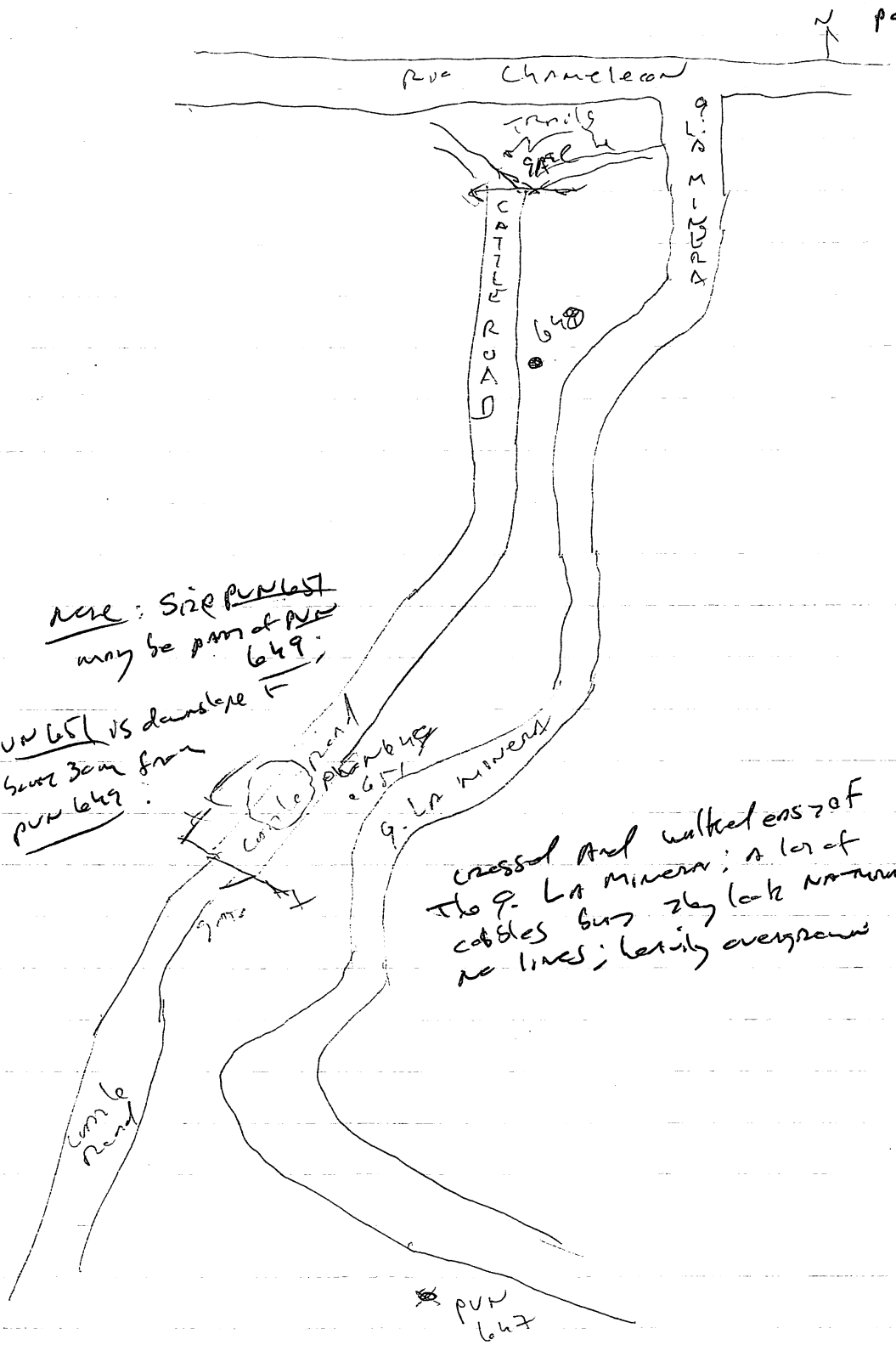
POC-01-18


N
Rio
channel
up
working area
up
quebrada
dry
cobbles in the bed
Chamelecon
RIVER
working area
Shallow wash (dry)
working area
quebrada, La Minera
cobbles, no lines
quebrada
large outcrops along the hillside looks like the same sort of mineral outcropping along the W+ W. sides of the CANCAR VEGA, TAFC?

where the trail enters the NE. vega at the SW. corner -- probably associated with relatively recent activity in the area; no other artifacts were noted in the NE vega though its visibility here is poor to fair and ground visibility is poor.

It looks like the E. vegas N of the Quebrada La Menera are too low (lower than where La Cameron sits) + ca. 10m lower than site PUN 649 for early occupants, at least for their residence. Settlement along the La Menera for example, is situated on the terraces above where I was walking on the E. vegas. This may help explain why La Cameron is on the W. bank of the Charlecoy + not the east -- more room + higher elevations on the W, especially S. of the quebrada there. N. of that stream course the land is lower and hence, possibly less attractive to residential settlement

Site PUN 649 -- Found on 7/07/06 in the cattle road N of Site PUN 647 -- looks like it continues at least 6m into the field adjoining the cattle road on the W -- there are a lot of cobbles here of all sizes and many appear to be embedded, but lines are hard to distinguish in the dense overgrowth. It's possible that a small group were recently disturbed in the building of the cattle road, possibly partly in the road + partly mined for road ballast. Site PUN 649 runs for about 35m N-S. in the road


N
PDL-01-20
Rio Chameleon
trails
gate
CATTLE ROAD
q. LA MINERA
649
Note: Size PUN 647 may be part of PUN 649;
PUN 651 is downslope ~ 30m from PUN 649.
cattle pond
PUN 651
q. La Minera
crossed and walked east of the q. La Minera; a lot of cobbles but they look natural -- no lines; heavily overgrown
gate
cattle pond
PUN 647

7/12/06 (cont)

Correction: ~~Site is~~ Site PVN 651 is now included with Site PVN 649, the surface-level building is described this morning is about 2m east of the stand-out-rock concentration in the cattle road ?06-01-21

7/13/06

Argentina Noriega

Started out today trying to get to the vegas north of the Chanleeon but east of Fan Canon (same side of the river as L.C.). Drove with Milton S. of La Laguna to get down to what is listed on the map as the finca El Belvedere. Apparently there is still a hacienda running here but it is used primarily by people who work S. of the Chanleeon on what is listed as Fca La Stiquente. The vega is low + we walked several fields above it to the bank of the Tsacu rally. Have corn, squash, but really full grown for cattle + lots of manioc etc. Quite a few rocks coming off the N. hills but no clear signs of architecture + no artifacts here. The most likely spots for settlement, however are several in clusters everywhere + certainly of the walled (place where quebradas issue off the hills + head down to the Chanleeon. The water is there channels today. In bend of the Chanleeon runs along the N. side of the vega against the hills but is dry, and seems to have been for quite some time.

The corner of this land is Argentina Noriega of La Laguna. The clear evidence of construction ghost of the land is used for cattle pasture.

The vega opposite (S.) looks very likely for settlement

7/13/06 06-01-22

went down to the vega immediately east of San Carlos + N of the Chamelecon. It's cut ± in half by a N-S. running gullied deep, ca. 18m near the bottom but dry today after several weeks of rain.) The land is occupied by Luis Alonso (don Luis) from Santa Rosa de Copan and ~~walke~~ worked by at least 4 men who care for that general area and I think have care connecting to don Luis. They're planting the lower fields + slope is milpa, ~~what~~ the corn being ca 20cm high now and the squash is starting to flower. The soil on the terrace is fine-textured and seems to be sandy -- as well as fertile. It looks like this vega may flood periodically -- it's about 10m above the current level of the Chamelecon. There are a fair number of rocks in the fields but no lime and ~~and~~ no one reports finding artifacts or seeing mounds. Don Luis has been here for about 6 years -- a squatter. She knows about the claim -- he says that it'll be built between here + San Carlos, but he expects to make money off the deal.

Newspaper today says that 5 million dollars have been appropriated to start work on the dam.

In addition, Melton says that don Santiago, the current deputy for PN, has a letter saying that IHAH has 12 ha, on for a study of El Cayote.

06-01-23

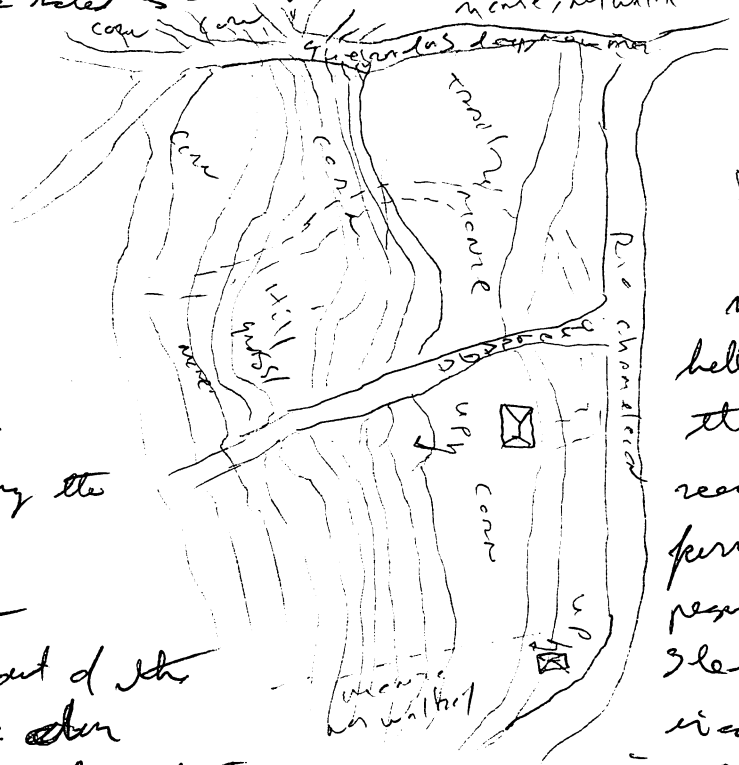
7/13/06 (cont.)

It looks like San Carmen is settled on the first sizable + high vega N(S) of Naco, but looking N. to Naco. Access to this vega must have been difficult -- except from the west following the current access road to the Loma and then N. along the Chamelecón past Tulumas 6c2459.

Somehow did L.C.'s people get their access out of the vega? Along/on the river in the dry season when fording was most feasible?

Almost each of these vegas is pretty far below the bordering hills -- problem of access that frustrated earlier settlement or settlement at all?

There are outcrops of rocks on the San Luis vega -- tuff + limestone -- also noted on the W. hills -- looks like the same geology as at San Carmen.



Local people report mounds + artifacts up in the hills but not along the river.

There's also basalt eroding out of the hills above the ~~San~~ San Luis vega -- not a lot, but a hefty minority of the rocks are grey, vesicular basalt (or piedra de comején?). Manos of vesicular basalt were reported by Don Alonso in the surrounding hills

N

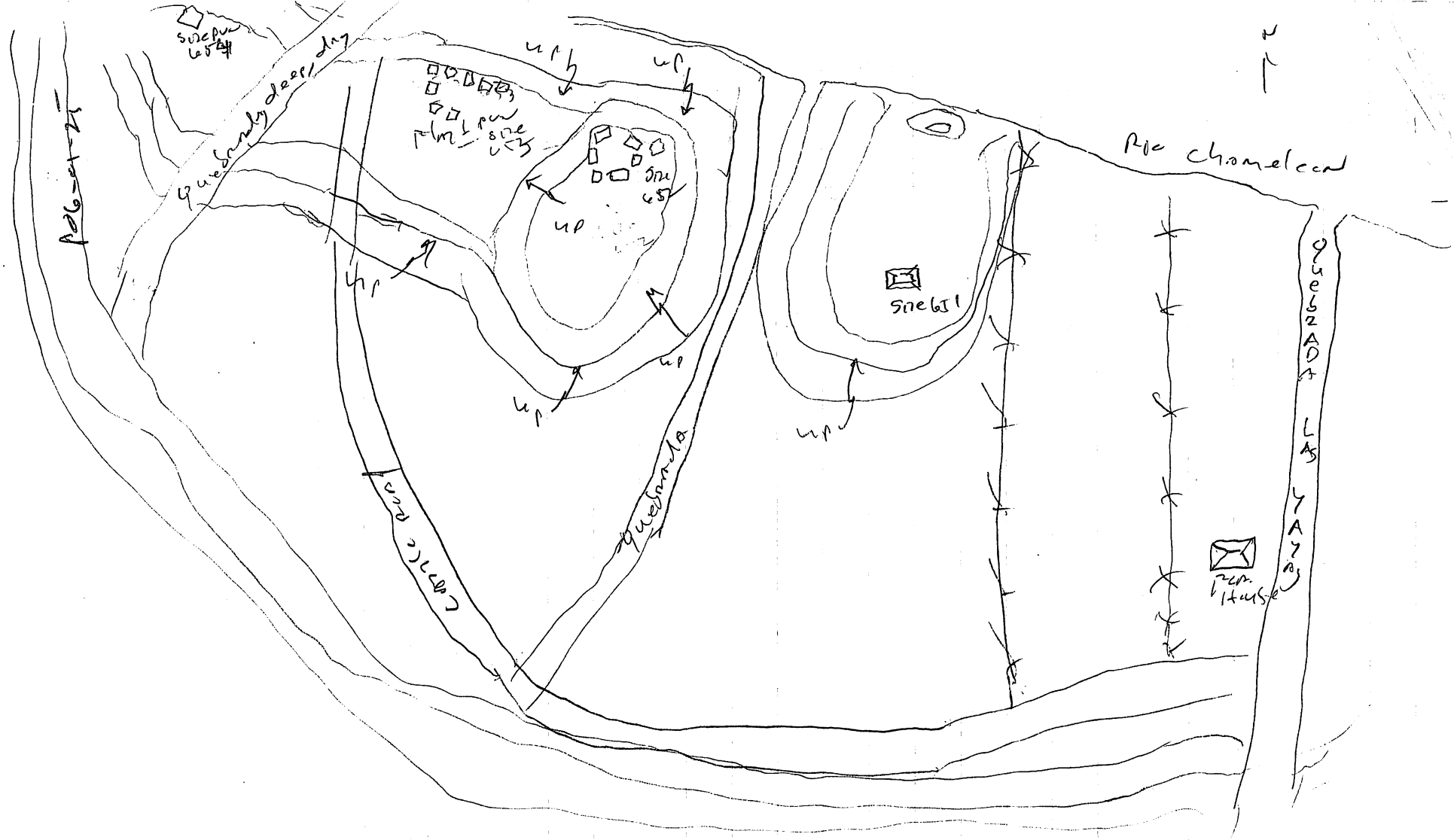
Met San ~~Alonso~~ Alonso on my way up the hillslope, checking out the corn. The hills seem to be owned/farmed by a number of people from San Lagunas. The corn on the slope is about 1 m high + just starting to tassle; the soil is dark brown/black + seemingly fertile, despite the shallowness + rocky surface -- limestone-based?

7/14/06 06-01-24

NEXT SITE PVN 651
PVC 196 Owned by Mr. 651 - 655 - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

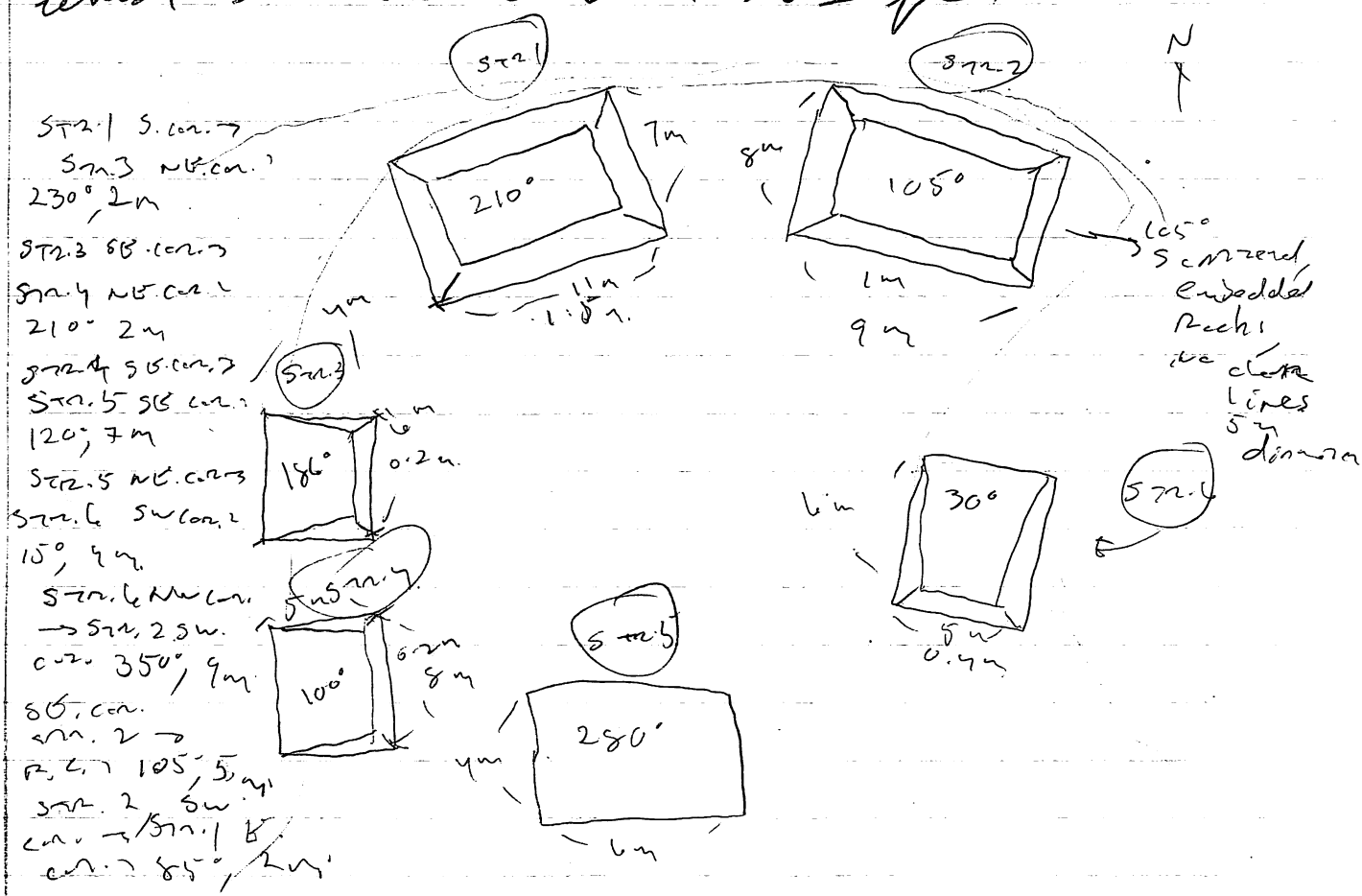
Site PVN651: a single clear structure ca. 110 m S of the Río Chanchecan + ca. 250 m W of the Guatuzos Lagoon which was carrying about 0.3 m of running water today after several weeks of rain. Dry low, dense grass - good site, poor/fair ground visibility. Probably other lithic sites exist in the area but none are ~~obvious~~ obvious - there are scattered cobbles thru the W. but no clear lithics. The area seems to be a floodplain (referred to as a 'chagüite'). Flat terrain rising towards the W. + terminating in a rocky rise directly overlooking the Río Chanchecan. The land drops gradually to the E, W. + S., or to the S. it rises to the lookout hill, or to the E it drops about 3 m then rises + flats to the Lagoon; on the W. it drops + then rises to another escarpment. The site is on a high spot within the vega, ca. 3-8 m above lower areas to the E, S, + W. The land is used as general pasture. Note that there are several rock lines on these ca. 2.5 m high rises ca. 8 m W. of Site PVN651 which could be surface-level buildings but there are lots of ambient rocks (mostly cobbles) here as well - no artifacts seen anywhere.

The structure is made of river cobbles including vesicular basalt, is 0.25 m high and measures 4x6 m, oriented 120°. No sign of disturbance to the structure but it could have been plowed

 PD6-at-25
site PV 64
Quebrada deep, dry
up
up
up
up
up
up
up
up
plm 1 pv site 63
site 65
Cattle Run
Quebrada
Site 631
Rio Chamelecon
N
Quebrada LAS YAYAS
Ran. House

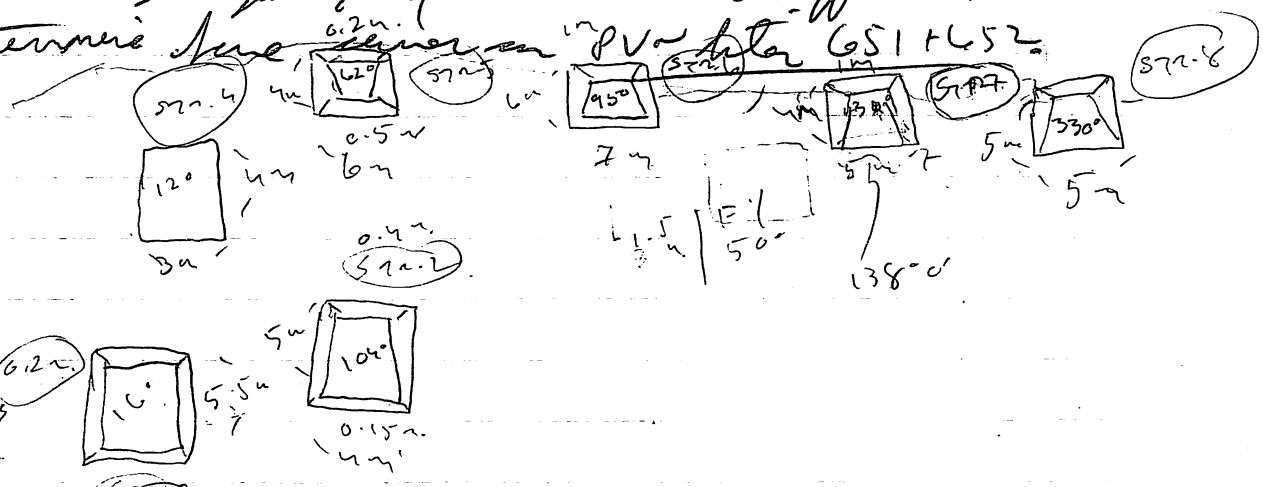
7/14/06 (cont.)

Site PVN 652 -- Located ca. 120m WNW of site PVN 651, in the next field -- slightly higher grass, though the same general use and situation as PVN site 651: same topographic situation as well, on a low (ca. 3m high) rise above the general level of the village Sle Chameleon in ca. 80m W -- the ground drops off in that direction ca. 1.5m before flattening out & then descending rapidly to the river: shallow, dry (today) wash is roughly 60m to the E separating sites PVN 651 + 652 from each other. Same area as site PVN 651, rubble use also the primary building stone here; salt of remnant basalt. Site land on which the site is built is ± flat

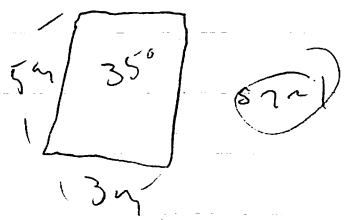


7/14/01 (cont) P02-01-27

Site PVN 653: about 15m. N of site PVN 652 on the edge of a rise overlooking the Rio Chamalecan in 50m to the N, on flat terrain overlooking the lower portion of the region to the S. Land slops gradually to the S. but is flat to the E + W. -- PVN Site 652 is slightly downslope from site PVN 653 -- can't see the form from the latter. Located in medium high, dense grass; covered pasture; fair to + poor ground visibility. No record of surface-level + slow building scattered in river cobbles -- once again, quite a lot of vesicular basalt. Site limits are roughly clear as the size + organization of the site is difficult to determine from surface remains on PVN sites 651 + 652.




Str. 1 NW cor. →
Str. 3 SE. cor. →
305°, 14m.
Str. 3 NE cor. →
Str. 4 64°, 6m.
Str. 2 NW cor. →
Str. 4 SE. cor. = 310°, 5m
Str. 4 NE. cor. →
Str. 5°, 5°,
Str. 7 NW corner
Str. 6 SW cor. = 95°,
7.5m
Str. 6 SW. cor. →
F.1, S. end - 170°, 8m
F.1, S. end → 80°, 8.5m.
Str. 7, SW cor. →




Str. 7 SE. cor. → Str. 8. SW. cor. =
178°, 6m

7/14/04 (cont.) P06-01-28

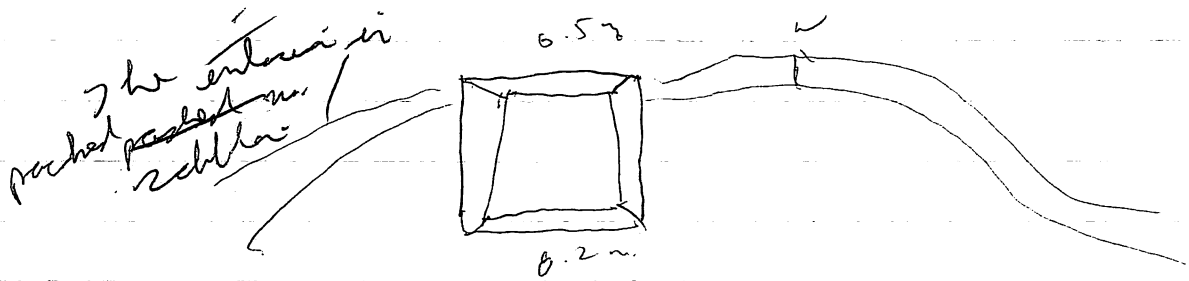
PVN site 653 (cont.). -- very difficult to discern str. here .. lots of rock on the N. end of the bed but there do seem to be some horizontal & vert. + 1 rock line, most of the buildings are along the ~~end~~ edge of the drop off to the Río Chandeen, in ca. 4m descent to a fragment of lower terrace + then another ± 5m drop to the Chandeen.

PVN site 654: 1 clear str. on a ca. 3.5m high rise overlooking a lower terrace of the Chandeen; the river is ca. 110m to the N. + an unnamed but deep (+ dry) gulch is ca. 15m to the W.

The str. + the immediate environs are in low, dense grass, very good str. + fair ground visibility -- 3 miles to the S. the grass is medium height + dense - fair str. + poor ground visibility, terminal pasture, good slope, NO ORIGINAL ~~here lay~~ of low or transverse ~~str~~ walls in the immediate valley is to cover of all of these fields.

The land drops gradually + ~~slightly~~ slightly to the S. W. + E. + down to the N. The str. is built of river cobbles, not that much vesicular basalt. Its measures:

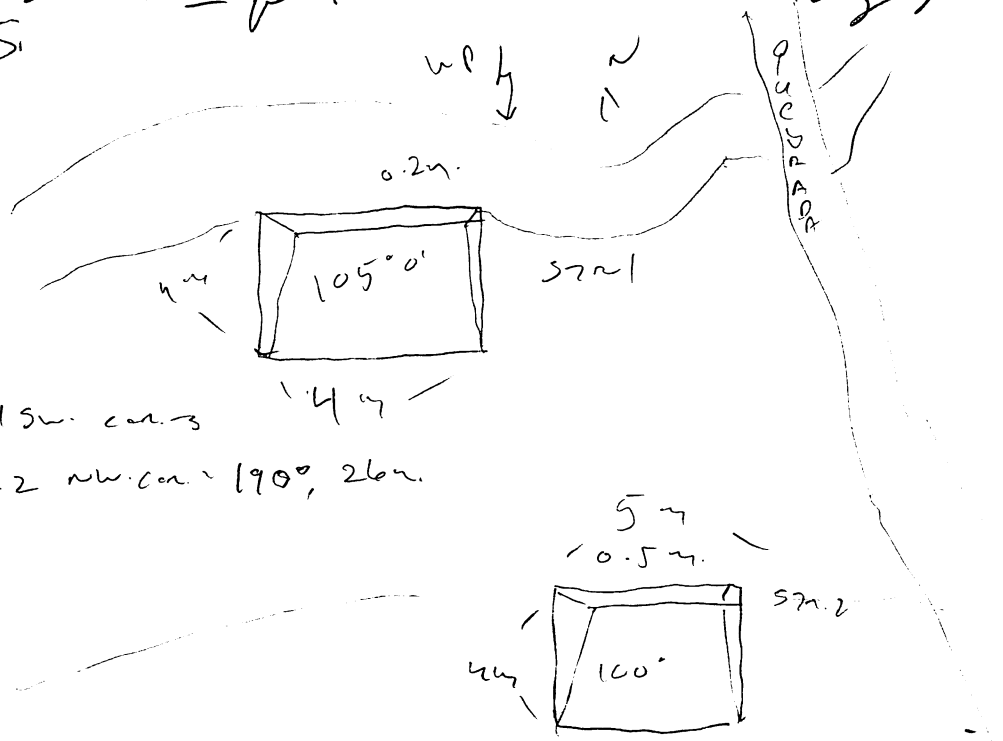
55m + is oriented 105°01



7/17/06 (cont).

PO6-01-~~28~~29

PVN Site 655 Same land ownership + use as sites PVN 651-654; lower to medium-height, dense grass; fair stone + poor ground visibility. On a level (ca 2m high) gradual rise above the vega, ca. 220m S. of the Chandeaux 60m W. of the large, deep, dry quebrada. The site is made of river cobbles including a fair amount of vesicular basalt. Good shape. The ground drops gradually to the N. + E and is ± flat to the W. + rises very gradually to the S.




Same basic description as site 1.

Quite a bit of vesicular basalt, eroding out for S. built along w/ andesite (??).

Each below site PVN 652 is the main settlement in the vega from which other sites were then established to the E + W. There was a real tendency to favor slightly elevated spots in the vega and, possibly, to separate vega by settlement that lacked these features.

Setting up the Northern grid for test-pitting.

6/6/06 ~~6 6 07~~

IH = 1415

| | Point | Angle | Top Hair | Bottom Hair | Middle Hair |
|---|---|---|---|---|---|
| East End - | E/W Line | 110° | 1895 | 0694 | 1296 |
| | 1 | 110° | | 10 m | 1235 |
| | 2 | 110° | | 20 m | 1060 |
| | 3 | 110° | | 30 m | 0923 |
| Taped Distances | 4 | 110° | | 40 m | 1022 |
| | 5 | 110° | | 50 m | 0971 |
| | 6 | 110° | | 60 m | 0972 |
| | 7 | 110° | | 70 m | 0979 |
| | 8 | 110° | | 80 m | 1125 |
| | 9 | 110° | | 90 m | 1183 |
| | 10 | 110° | | 100 m | 1423 |
| | 11 | 110° | | 110 m | 1479 |
| | | pt. 11 to the east end point = 9 m 80 cm | | | |
| ~~West End -~~ | ~~E/W Line~~ 12 | 290° | | 10 m | 1549 |
| | 13 | 290° | | 20 m | 1755 |
| | 14 | 290° | | 30 m | 1942 |
| | 15 | 290° | | 40 m | 1826 |
| | 16 | 290° | | 50 m | 1527 |
| | 17 | 290° | | 60 m | 1312 |
| | 18 | 290° | | 70 m | 1021 |
| | 19 | 290° | | 80 m | 0653 |
| | 20 | 290° | | 90 m | 0290 |
| Middle Hair = 21 ∠ 0°40' | | 290° | | 100 m | Top = 0385 ∠ 0° Middle = 0400 ∠ 0° |

| Point | Bearing | Top Dip | Bottom Dip | Middle Dip |
|---|---|---|---|---|
| East End - Fault Line | 110° | 12°S | 00°N | 12°S |
| 1 | 110° | | 10m | 12°S |
| 2 | 110° | | 20m | 10°S |
| 3 | 110° | | 30m | 09°S |
| 4 | 110° | | 40m | 10°S |
| 5 | 110° | | 50m | 09°S |
| 6 | 110° | | 60m | 09°S |
| 7 | 110° | | 70m | 09°S |
| 8 | 110° | | 80m | 11°S |
| 9 | 110° | | 90m | 11°S |
| 10 | 110° | | 100m | 14°S |
| 11 | 110° | | 110m | 14°S |
| West End - Fault Line | 290° | | 10m | 15°S |
| 13 | 290° | | 20m | 15°S |
| 14 | 290° | | 30m | 19°S |
| 15 | 290° | | 40m | 18°S |
| 16 | 290° | | 50m | 15°S |
| 17 | 290° | | 60m | 13°S |
| 18 | 290° | | 70m | 10°S |
| 19 | 290° | | 80m | 08°S |
| 20 | 290° | | 90m | 08°S |
| Middle Point 21 | 290° | | 100m | 07°S |

Top = 12°S
Middle = 14°S
Bottom = 07°S

N. of LAS LANOAS

6/6/06

| | Point | Angle | Top Hair | Bottom Hair | Middle Hair |
|---|---|---|---|---|---|
| N/S Line | 22 | 20° | | 10m | 2103 |
| | 23 | 20° | | 20m | 2472 |
| | 24 | 20° | | 30m | 3059 |
| | 25 | 20° | | 40m | 3219 |
| | 26 | 20° | | 50m. | ~~3588~~ 3577 |
| | 27 | 20° | | 60m | 3606 |
| | 28 | 20° | | 70m. | ~~3371~~ 3743 |
| | 29 | 20° | | 80m. | ~~3450~~ 3875 |
| | 30 | 20° | | 90m | 3961 |
| | 31 | 20° | | 100m. | 4124 |
| | 32 | 20° | | 110m | 4346 |
| | 33 | 20° | | 120m | 4521 |
| NE corner stairs | ~~34~~ Hoc | H 190° 30' poss. slope angle 3:30 | 1185 | 1015 | 1100 |
| SE corner stairs | ~~35~~ | H 176° P.S. 5° 26' | 1650 | 1342 | 1485 |
| NW corner stairs | ~~36~~ | H 222° P.S. 3° | 1515 | 1301 | 1409 |
| SW corner stairs | ~~37~~ | H 204° P.S.A 7° | 3021 | 2670 | 2849 |
| Station 1 to turning point 1 | | H 179° 20' PSA 8° 20' | 2544 | 1946 | 2247 |
| | | H 353° SA 0° 0' | 5584 | 5147 | ~~1364~~ 5364 |
| IH from Str 1 datum = 1420 | | | | | |
| Str 1 datum to NE corner Str 1 | | H ~~60° 50'~~ 16° 15' SA 0° 0' | 4575 | 4405 | ~~4?~~ 4498 |

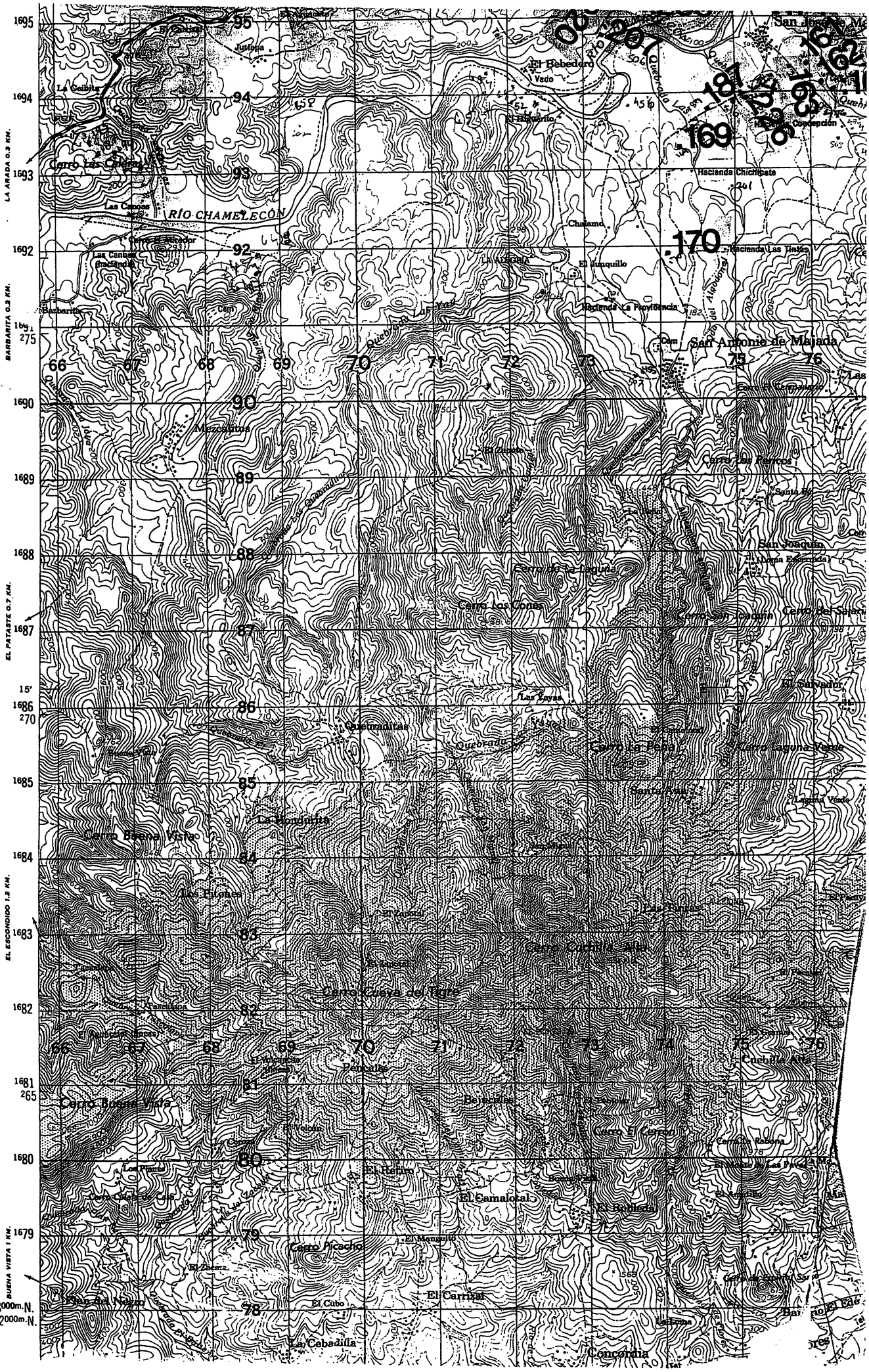
| Point | Angle | Top Wire | Bottom Wire | Middle Wire |
|---|---|---|---|---|
| N/Stone 22 | 20° | [illegible] | [illegible] | [illegible] |
| 23 | 20° | | [illegible] | [illegible] |
| 24 | 20° | | [illegible] | [illegible] |
| 25 | 20° | | [illegible] | [illegible] |
| 26 | 20° | | [illegible] | [illegible] |
| 27 | 20° | | [illegible] | [illegible] |
| 28 | 20° | | [illegible] | [illegible] |
| 29 | 20° | | [illegible] | [illegible] |
| 30 | 20° | | [illegible] | [illegible] |
| 31 | 20° | | [illegible] | [illegible] |
| 32 | 20° | | [illegible] | [illegible] |
| 33 | 20° | | [illegible] | [illegible] |
| NE corner Stake | [illegible] | 1185 | 1015 | 1100 |
| SE corner Stake | [illegible] | 1650 | 1812 | 1456 |
| Northwest Stake | [illegible] | 1515 | 1321 | 1409 |
| SW corner Stake | [illegible] | 2021 | 2047 | 2471 |
| Adjustment to Turning point 1 | [illegible] | 2514 | 1946 | 2274 |
| | [illegible] | [illegible] | 5147 | 1527 / 3321 |
| Turn Point Site 1 | | | | |
| Adjustment = 1420 | | | | |
| Site 1 Corner to NE corner Site 1 | [illegible] | 1525 | 1765 | [illegible] |

| | Point | Angle | Top Hair | Bottom Hair | Middle Hair 6/6/06 |
|---|---|---|---|---|---|
| From Point 2 to N. datum | | 290° | | | 1796 IH = 1470 |
| N. line of point | Pt 234 | 20° | | 20m | 2610 |
| | 35 | 20° | | 40m | 3367 |
| | 36 | 20° | | 60m | 3840 |
| | 37 | 20° | | 80m | 4106 |
| | 38 | 20° | | 100m | 4424 |
| | 39 | 20° | | 120m | 4740 |
| IH = 1435 N line .4 | 40 | 20° | | 20m | 2580 |
| | 41 | 20° | | 40m | 3421 |
| | 42 | 20° | | 60m | 3944 |
| | 43 | 20° | | 80m | 4240 |
| | 44 | 20° | | 100m | 4605 |
| IH = 1472 N line .6 | 45 | 20° | | 20m | 2686 |
| | 46 | 20° | | 40m | 3484 |
| | 47 | 20° | | 60m | 4120 |
| | 48 | 20° | | 80m | 4459 |
| | 49 | 20° | | 20m | 2735 |
| | 50 | 20° | | 40m | 3875 |
| | 51 | 20° | | 60m | 4344 |
| IH = 1461 N line .8 | 52 | 20° | | 80m | 4135 |
| N line 10 | 53 | 20° | | 20m | 2878 |
| IH = 1474 | 54 | 20° | | 20m | 2460 |
| N line 13 | 55 | 20° | | 40m | 2899 |
| IH 1510 | 56 | 20° | | 60m | 3410 |
| | 57 | 20° | | 80m | 3665 |
| | 58 | 20° | | 100m | 3865 |
| | 59 | 20° | | 120m | 4365 |

| Point | Angle | Tp Line | Distance from Point | Middle Hole Depth |
|---|---|---|---|---|
| 1 | 20° | | | 1776 |
| 2 | 20° | | 20m | 3610 |
| 3 | 20° | | 40m | 3607 |
| 4 | 20° | | 60m | 3470 |
| 5 | 20° | | 80m | 3420 |
| 6 | 20° | | 100m | 3424 |
| 7 | 20° | | 120m | 3440 |
| 8 | 20° | TH=1135 N line 7 | 20m | 2780 |
| 9 | 20° | | 40m | 2811 |
| 10 | 20° | | 60m | 2844 |
| 11 | 20° | | 80m | 2920 |
| 12 | 20° | | 100m | 3005 |
| 13 | 20° | TH=1116 N line 12 | 20m | 2686 |
| 14 | 20° | | 40m | 2724 |
| 15 | 20° | | 60m | 2820 |
| 16 | 20° | | 80m | 2937 |
| 17 | 20° | | 20m | 2735 |
| 18 | 20° | | 40m | 2845 |
| 19 | 20° | | 60m | 2934 |
| 20 | 20° | TH=1101 N line 19 | 20m | 2837 |
| 21 | 20° | N line 20 | 20m | 2848 |
| 22 | 20° | TH=1071 N line 13 | 20m | 2960 |
| 23 | 20° | | 40m | 2889 |
| 24 | 20° | TH=1019 | 60m | 3010 |
| 25 | 20° | | 80m | 3058 |
| 26 | 20° | | 100m | 3107 |
| 27 | 20° | | 120m | 3137 |

6/6/06

| | Point | ∡ | Top | Bottom | Middle |
|---|---|---|---|---|---|
| Line N. of #15 | 60 | 20° | | 20m | 1625 |
| IH 1502 | 61 | 20° | | 40m | 2143 |
| | 62 | 20° | | 60m | 2977 |
| | 63 | 20° | | 80m | 3220 |
| Line N. of #17 | 64 | 20° | | 20m | 1595 |
| IH 1595 | 65 | 20° | | 40m. | 1889 |
| | 66 | 20° | | 60m. | 2670 |
| IH = 1490 N Line #19 | 67 | 20° | | 20m | 1525 |
| | 68 | 20° | | 40m | 1681 |


1695
1694
1693
1692
1691
275
1690
1689
1688
1687
15'
1686
270
1685
1684
1683
1682
1681
265
1680
1679
1678000m.N.
262000m.N.
LA ARADA 0.3 KM.
BARBARITA 0.2 KM.
EL PATASTE 0.7 KM.
EL ESCONDIDO 1.2 KM.
BUENA VISTA 1 KM.
66
67
68
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80
79
78
207
187
169
170
163
162
Jutiapa
El Bebedero
Vado
El Higuerito
La Ceibita
Cerro Las Calaveras
Las Canoas
RÍO CHAMELECÓN
Cerro El Mirador
Las Canoas (Gracianda)
Barbarita
Hacienda Concepción
Hacienda Chichipate
Chalamo
Hacienda Las Tintas
La Aldea
El Junquillo
Hacienda La Providencia
Quebrada Las Yeguas
San Antonio de Majada
San José
Cerro El Campanario
Mezcalitos
El Zapote
Cerro Los Pericos
Santa Fe
San Joaquín
(Loma Esmeralda)
Cerro de la Laguna
Cerro Los Conos
Cerro San Joaquín
Cerro del Sapo
El Salvador
Las Zayas
Quebraditas
Cerro La Peña
Cerro Laguna Verde
Laguna Verde
Santa Ana
La Hondurita
Cerro Buena Vista
Los Pitones
Las Tunas
El Zapote
Cerro Cuchilla Alta
El Sauce
El Picacho
Cerro Cueva del Tigre
Pastillana
El Aguacate (Minas)
El Volcancito (Minas)
Pencales
Cuchilla Alta
Cerro Buena Vista
Bejucales
El Volcán
Cerro El Cerrón
Cerro La Pelona
Los Planes
El Retiro
Buena Vista
El Camalotal
El Bohiterío
Cerro Cueva de Colo
Cerro Picacho
El Manguito
El Zacate
El Cubo
El Carrizal
Plan del Negro
La Cabadilla
Concordia
Barrio El Edén
El Carreto

# Las Canoas